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	UTILITY	A	ttorney D	ocket No.	44629		9
PATENT	APPLICATION	Fi	rst Inven	tor	Sang-Uk S		P.
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(Only for new nonprovision	onal applications under 37 CFR 1.53(b	)) Ex	press M	ail Label No	o.		9
	ATION ELEMENTS		ADDRE	ESS TO:	Commissi Box Pater	t Applica	Patents Continuo
	cerning utility patent application conte	nts.			Washingto		
1. Submit an original and a	Form (e.g., PTO/SB/17) supplicate for fee processing) small entity status.		8. Nucleot	CD-ROM or C Computer Pro ide and/or Am icable, all nece	gram ( <i>App</i> e nino Acid Se	ndix)	
3. Specification (preferred arrangement)	[Total Pages   15   ]		a. [	Computer Re		n (CRF)	
- Descriptive title	e of the invention		b. Spec	cification Sequ	uence Listing	on:	
	ce to Related Applications parding Fed sponsored R & D		·		OM or CD-F		es): or
	equence listing, a table,			i. paper		. (	,,
or a computer p - Background of	program listing appendix		ر ا	Statements v		ntity of a	hove conies
- Brief Summary	of the Invention						ON PARTS
- Brief Description - Detailed Description	on of the Drawings ( <i>if filed</i> )						& document(s))
- Claim(s) - Abstract of the			10.	37 CFR 3.73( (when there i.	(b) Stateme	nt 🗀	Power of Attorney
4. Drawing(s) (35 L	J.S.C. 113) [ Total Sheets 4	] 1	11.	English Trans	_	•	applicable)
5. Oath or Declaration	[ Total Pages 2	] ]	12.	Information D Statement (ID		49 [	Copies of IDS Citations
a. Newly executed (original or copy)			13.	Preliminary A	•		
b. Copy from a prior application (37 CFR 1.63 (d)) (for continuation/divisional with Box 18 completed)			14. 🗸	Return Recei			503)
	TON OF INVENTOR(S)		15. 🗸	Certified Cop	y of Priority	Docume ed)	ent(s)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).			16. Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.				
6. Application Data	Sheet. See 37 CFR 1.76		17.	Other:			
18. If a CONTINUING APPL	ICATION, check appropriate box, and	supply th	e requisite	information b			
or in an Application Data Sho	<del></del>						
Continuation	Divisional Continuation-in-part (	CIP)	of prio	r application No.:_			
Prior application information:	ExaminerIONAL APPS only: The entire disclosure	of the pri	ar annllasti	an fråm which	an oath ar d	- eleratio	n la guantlad under
Box 5b, is considered a part o	f the disclosure of the accompanying co	ntinuation	or division	al application	and is hereb	y incorpo	
The incorporation can only be	relied upon when a portion has been ina 19. CORRESPO				ed application	n parts.	
	orde l abel 001609			-			
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	1300 19th Street, N.W.						
Address	Suite 600		<del></del>	····	<del></del>		T.
City	Washington	Sta	<del></del>		Zip	Code	20036
Country	USA	Telepho	ne (202	2) 659-9076		Fax	(202) 659-9344
Name (Print/Type)	Peter J. Kendall		Registra	tion No. (Atto	orney/Ager	(t) 46,2	46
Signature	tet lafere				Date	Aug	ust 6, 2003

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August 6, 2003

PTO/SB/17 (05-03)
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Effective 01/01/2003. Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

Signature

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Complete if Known			
Application Number			
Filing Date	August 6, 2003		
First Named Inventor	Sang-Uk Seo		
Examiner Name			
Art Unit			
Attorney Docket No.	44629		

METHOD OF PAYMENT (check all that apply)	FEE CALCULATION (continued)				
Check Credit card Money Other None	3. ADDITIONAL FEES				
Order D	Large Entity   Small Entity				
Deposit Account:  Deposit Account 18-2220	Fee Fee Fee Code (\$) Fee Description	ee Paid			
Number	1051 130 2051 65 Surcharge - late filing fee or oath				
Deposit Account Name	1052 50 2052 25 Surcharge - late provisional filing fee or cover sheet				
The Commissioner is authorized to: (check all that apply)	1053 130 1053 130 Non-English specification				
Charge fee(s) indicated below Credit any overpayments	1812 2,520 1812 2,520 For filing a request for ex parte reexamination				
Charge any additional fee(s) during the pendency of this application	n 1804 920* 1804 920* Requesting publication of SIR prior to Examiner action				
Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.	1805 1,840* 1805 1,840* Requesting publication of SIR after Examiner action				
FEE CALCULATION	1251 110 2251 55 Extension for reply within first month				
1. BASIC FILING FEE	1252 410 2252 205 Extension for reply within second month				
Large Entity Small Entity	1253 930 2253 465 Extension for reply within third month				
Fee Fee Fee Fee Fee Description Fee Paid Code (\$)	1254 1,450 2254 725 Extension for reply within fourth month				
1001 750 12001 275   Hillips filing for	1255 1,970 2255 985 Extension for reply within fifth month				
1001 730 2001 373 Gillity lilling fee 750.00	1401 320 2401 160 Notice of Appeal				
1003 520 2003 260 Plant filing fee	1402 320 2402 160 Filing a brief in support of an appeal				
1004 750 2004 375 Reissue filing fee	1403 280 2403 140 Request for oral hearing				
1005 160 2005 80 Provisional filing fee	1451 1,510 1451 1,510 Petition to institute a public use proceeding				
SUBTOTAL (1) (\$) 750.00	1452 110 2452 55 Petition to revive - unavoidable				
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE	1453 1,300 2453 650 Petition to revive - unintentional				
Fee from	1501 1,300 2501 650 Utility issue fee (or reissue)				
Total Claims 16 -20** = 0 x					
Independent 2 2** - 0 x	1503 630 2503 315 Plant issue fee				
Claims — 3 – 0	1460 130 1460 130 Petitions to the Commissioner				
Large Entity L Constl Entity	1807 50 1807 50 Processing fee under 37 CFR 1.17(q)				
Large Entity   Small Entity   Fee Fee   Fee Fee   Fee Description	1806 180 1806 180 Submission of Information Disclosure Stmt	<del></del> -			
Code (\$)	8021 40 8021 40 Recording each patent assignment per property (times number of properties)	0.00			
1201 84 2201 42 Independent claims in excess of 3	1809 750 2809 375 Filing a submission after final rejection (37 CFR 1.129(a))				
1203 280 2203 140 Multiple dependent claim, if not paid	1810 750 2810 375 For each additional invention to be				
1204 84 2204 42 ** Reissue independent claims over original patent	examined (37 CFR 1.129(b))  1801 750 2801 375 Request for Continued Examination (RCE)				
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent	1802 900 1802 900 Request for expedited examination of a design application				
[m. 0.00]	Other fee (specify)				
SUBTOTAL (2) (\$) 0.00  **or number previously paid, if greater; For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 40.00				
SUBMITTED BY	(Complete (if applicable)				
Name (Print/Type) Peter L. Kendall	(Attorney/Agent) 46,246 Telephone 202-659-9076				

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.